

*Amendments to the Specification*

Please replace the paragraph beginning on page 6, line 12, with the following amended paragraph:

As shown therein, the apparatus for controlling the operation of the reciprocating compressor includes a communication unit 104 for receiving temperature information in the refrigerator from a microcomputer (not shown) installed at the refrigerator and controlling the refrigerator; a control unit 103 for generating a control signal for operating a motor in a full mode when power is applied to the refrigerator, determining load capacity of the refrigerator on the basis of the temperature information in the refrigerator, which is inputted through the communication unit 104, and generating a control signal on the basis of the determining result or on the basis of a voltage applied to the interior motor of the compressor; a driving unit 102 for outputting a driving signal for varying capacity of the motor ~~±0.100~~ of the compressor according to the control signal of the control unit 103; and a switching unit 101 for selecting a main winding coil (M) of the motor or an auxiliary winding coil (M2) by being switched by the driving signal of the driving unit 102. Herein, the motor 100 of the compressor includes the main winding coil (M), and the main winding coil (M) is divided into a first auxiliary winding coil (M1) and a second auxiliary winding coil (M2). Preferably, a winding ratio of the first auxiliary winding coil (M1) of the motor to the second auxiliary winding coil (M2) is configured to be one of 2:1, 3:1, 4:1 and 5:1. Also, preferably, a relay is used for the switching unit.